

# Product Datasheet

## Myeloid Cell Marker Antibody (BM-2) - Azide and BSA Free NBP2-33114

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-33114****Myeloid Cell Marker Antibody (BM-2) - Azide and BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	BM-2
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	10mM PBS - BSA free
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Species</b>	Human, Primate
<b>Reactivity Notes</b>	Macaque Monkey.
<b>Specificity/Sensitivity</b>	Recognizes an unidentified antigen in the cytoplasm of mature granulocytes. It shows no reactivity with any other cell type in human tissues. Markers of myeloid cells are useful in the identification of different levels of cellular differentiation. MAb BM-2 reacts with early precursor and mature forms of human myeloid cells. This MAb is useful for the detection of myeloid leukemias and granulocytic sarcomas. It can be used as a marker of granulocytes in normal tissues or inflammatory processes.
<b>Immunogen</b>	Nuclei from pokeweed mitogen stimulated human peripheral blood lymphocytes were used as the immunogen for this granulocyte antibody.
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready
<b>Recommended Dilutions</b>	Flow Cytometry 0.5-1ug/million cells, ELISA 1-5ug/ml for coating, Immunohistochemistry 0.5-1ug/ml, Immunocytochemistry/ Immunofluorescence 1-2ug/ml, Immunohistochemistry-Paraffin 0.5-1ug/ml, Immunohistochemistry-Frozen 0.5-1ug/ml, CyTOF-ready
<b>Application Notes</b>	Use in Immunohistochemistry-Frozen has been reported in literature. This antibody is CyTOF ready.



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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